

III. REMARKS

1. Claims 1-22 remain in the application. Claims 1, 11, and 21 have been amended.

2. Applicants submit that claims 1-22 are definite under 35 USC 112, second paragraph and comply with the written description requirement of 35 USC 112, first paragraph.

Independent claims 1 and 11 as amended recite operations or means for storing reference points, examining which of the reference points is located in the vicinity of a wireless communication device, transmitting position data about one or more of the reference point located in the vicinity of the wireless communication device, selecting the transmitted position data as the default position of the wireless communication device, and using the one or more reference points to predict a pseudorange between the wireless communication device and a satellite of a positioning system.

Claim 21 includes similar subject matter.

Page 12, lines 8-37 of the present specification, for example, describes how the present invention accomplishes storing reference points, examining which of the reference points is located in the vicinity of a wireless communication device, and transmitting position data about one or more of the reference points located in the vicinity of the wireless communication device.

Page 13, lines 1-5, for example, describe how the present invention selects the transmitted position data as the default position of the wireless communication device.

Page 13, lines 19-29, page 13, line 31 through page 14, line 5, page 14, lines 7-24 also describe various methods for determining reference points.

Page 23, line 32 through page 24, line 25 clearly indicate that the location of the base station may be used as a default location for the wireless device and pseudoranges may be calculated with respect to the default location.

At least for these reasons, Applicants submit that claims 1-22 are definite and distinctly claim the subject matter of the invention as required by 35 USC 112, second paragraph. Applicants also submit that the claims are supported by the specification in a way that clearly conveys that the inventors had possession of the claimed invention at the time the application was filed, as required by 35 USC 112, first paragraph.

3. Applicants submit that claims 1-22 not anticipated by Bloebaum et al. (US 6,433,735, "Bloebaum").

Bloebaum fails to disclose or suggest using one or more reference points to predict a pseudorange between a wireless communication device and a satellite of a positioning system, as recited by claims 1, 11, and 21.

In Bloebaum, cell ID's and cell location data is collected and stored in a database in a mobile terminal or a server. When the mobile terminal receives cell ID information from a base station, it examines the database to find position data relating to the cell-ID. If found, the location of that cell is used as the default location. A more accurate position of the mobile station may be determined by e.g. a positioning receiver in the terminal.

Applicants find no disclosure in Bloebaum related to using the one or more reference points to predict a pseudorange between the wireless communication device and a satellite of a positioning system, as described in the present application.

Equation 6 on page 24 of the present specification expresses that the pseudorange measurement is a function of the GPS time and the estimated location of the wireless communication device of the user. Equation 1 on page 6 expresses that the GPS time is the function of the measurements of the time data (time of week, TOW) contained in the last received subframe, the time in seconds corresponding to the number of C/A epochs received after the beginning of the last received subframe, and the code phase of whole chips received after the change of the last epoch. This also means that the pseudorange measurement in Equation 6 is a function of at least some the components of Equation 1.

Applicants find no disclosure related to these features in Bloebaum, and therefore respectfully submit that Bloebaum fails to anticipate independent claims 1, 11, and 21, and dependent claims 2-10, 12-20, and 22.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

A check in the amount of \$ 120.00 is enclosed for a one month extension of time.

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,



Joseph V. Gamberdell, Jr.
Joseph V. Gamberdell, Jr.
Reg. No. 44,695

11 October 2005
Date

Perman & Green, LLP
425 Post Road
Fairfield, CT 06824
(203) 259-1800
Customer No.: 2512

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date indicated below as first class mail in an envelope addressed to Mail Stop AF, Commissioner of Patents, P.O. Box 1450, Alexandria VA 22313-1450.

Date: 10.11.2005 Signature: Jessica R
Person Making Deposit